

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Aser ROTHSTEIN et al.

Title: SELF-ALIGNING PEPTIDES
MODELED ON HUMAN ELASTIN
AND OTHER FIBROUS PROTEINS

Appl. No.: Unassigned

Filing Date: 09/28/2001

Examiner: Unassigned

Art Unit: Unassigned

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09/964662

09/28/01

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Commissioner for Patents
Box PATENT APPLICATION
Washington, D.C. 20231

Sir:

Applicants submit herewith on Form PTO-1449 a listing of the documents cited by or submitted to the U.S. PTO in parent application Serial No. 09/340,736, filed 06/29/1999. As provided in 37 CFR §1.98(d), copies of the documents are not being provided since they were previously submitted to the United States Patent & Trademark Office in the above-identified parent application.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

M. Mark M. Liner
By _____
Reg. No. 34,717

Date: September 28, 2001

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Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		ATTY. DOCKET NO. 041082-0113		SERIAL NO. Unassigned	
				APPLICANT Aser ROTHSTEIN et al.			
				FILING DATE 09/28/2001		GROUP ART UNIT Unassigned	
				U.S. PATENT DOCUMENTS			
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	A1	4,132,746	1/1979	URRY et al.	260	857	
	A2	4,179,333	12/1979	BRAEUMER et al.	435	60	
	A3	4,327,078	4/1982	CHARLET et al.	424	45	
	A4	4,419,288	12/1983	CIOCA	260	123.7	
	A5	4,474,763	10/1984	LUBOWE	424	177	
	A6	4,474,851	10/1984	URRY	428	373	
	A7	4,589,882	5/1986	URRY	623	11	
	A8	4,659,740	4/1987	USHER	514	773	
	A9	4,776,853	10/1988	KLEMENT et al.	8	94.11	
	A10	4,870,055	9/1989	URRY et al.	514	12	
	A11	4,960,423	10/1990	SMITH	623	1	
	A12	4,963,656	10/1990	MITANI	530	353	
	A13	4,979,959	12/1990	GUIRE	623	66	
	A14	5,223,420	6/1993	RABAUD et al.	424	425	
	A15	5,250,516	10/1993	URRY	514	17	
	A16	5,416,074	5/1995	RABAUD et al.	514	21	
	A17	5,243,038	9/1993	FERRARI et al.	536	23.1	
	A18	4,753,523	11/1988	URRY et al.	550	323	
	A19	5,336,256	8/1994	URRY et al.	623	1	
	A20	5,519,004	5/1996	URRY	514	7	
	A21	5,527,610	6/1996	URRY	428	373	
	A22	5,969,106	10/1999	ROTHSTEIN et al.	530	353	
FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
							YES
	A23	39 42 580 A	6/1991	FED. REP. OF GERMANY			
EXAMINER				DATE CONSIDERED			
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REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
A24	0 329 622 A	8/1989	EUROPE				
A25	98/05685	2/1998	WIPO				
A26	94/14958	7/1994	WIPO				
A27	91/16919	11/1991	WIPO				
A28	95/24478	9/1995	WIPO				
A29	92/09695	6/1992	WIPO				
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A31	88/03533	5/1988	WIPO				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	A32	Zena INDIK et al., "Alternative Splicing of Human Elastin mRNA Indicated by Sequence Analysis of Cloned Genomic and Complementary DNA", August 1987, pages 5680-5684, Vol. 84.					
	A33	G.M. BRESSAN et al., "Relevance of Aggregation Properties of Tropoelastin to the Assembly and Structure of Elastic Fibers", 1986, pages 209-216.					
	A34	Stavros J. HAMODRAKAS et al., "Structural and Functional Features of Drosophila chorion proteins s36 and s38 from Analysis of Primary Structure and Infrared Spectroscopy", October 1989, pages 307-313, Vol 11.					
	A35	Robson et al., <u>J. Biol. Chem.</u> , Vol., 268, pp.- 1440-1447.					
	A36	Cappello, "Protein Engineering For Biomaterials Applications," <u>Curr. Opinion Struct. Biol.</u> , 2:582-86 (1992).					
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							YES
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	A37	Alexandra H. SIMMONS et al., "Molecular Orientation and Two-Component Nature of the Crystalline Fraction of Spider Dragline Silk", January 5, 1996, Vol. 271.					
	A38	Debra BEDELL-HOGAN et al. "Oxidation, Cross-linking and Insolubilization of Recombinant Tropoelastin by Purified Lysyl Oxidase", May 15, 1993, pages 10345-10350, Vol. 268.					
	A39	Aleksander HINEK et al., "67-kD Elastin-binding Protein Is a Protective "Companion" of Extracellular Insoluble Elastin and Intracellular Tropoelastin", July 1994, pages 563-574.					
	A40	Zena INDIK et al., "Production of Recombinant Human Tropoelastin: Characterization and Demonstration of Immunologic and Chemotactic Activity", July 1990, pages 80-86, Vol. 280.					
	A41	Paul ROBSON et al, "Characterization of Lamprin, an Unusual Matrix Protein from Lamprey Cartilage", January 15, 1993, pages 1440-1447, Vol. 266.					
	A42	A. H. TAMBURRO, et al. "On The Structure And Elasticity Of Elastin", <u>Advances In Life Sciences</u> 115-27 (1990).					
	A43	Aleksander HINEK "Nature and The Multiple Functions Of The 67-kD Elastin-/Laminin Binding Protein", <u>Cell Adhesion & Comm.</u> 2: 185-93 (1994).					
	A44	S. Dutoya et al., "Unexpected Original Property of Elastin Derived Proteins: Spontaneous Tight Coupling With Natural and Synthetic Polymers," <u>Biomaterials</u> 19 (1998) 147-155.					
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